

(c) an analog of (a) which differs from the sequence of (a) by no more than ten changes in the amino acid sequence of (a), each said change being a substitution, deletion and/or insertion of a single amino acid, which analog is capable of binding to one or more of MORT-1 and MACH; or

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(d) a derivative of (a), (b) or (c) by modification of a functional group which occurs as a side chain or an N- or C-terminal group of one or more amino acid residues thereof without changing one amino acid to another of the twenty commonly occurring natural amino acids, which derivative is capable of binding to one or more of MORT-1 and MACH.

54 (Twice-amended). A polypeptide which is capable of binding to one or more of MORT-1 and MACH, which polypeptide has the amino acid sequence of:

(a) a G1 protein isoform whose sequence is that of SEQ ID NO:2 or 4;

(b) a fragment of (a) which is capable of binding to one or more of MORT-1 and MACH;

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(c) an analog of (a) which differs from the sequence of (a) by no more than ten changes in the amino acid sequence of (a), each said change being a substitution, deletion and/or insertion of a single amino acid, which analog is capable of binding to one or more of MORT-1 and MACH; or

(d) a derivative of (a), (b) or (c) by modification of a functional group which occurs as a side chain or an N- or C-terminal group of one or more amino acid residues thereof without changing one amino acid to another of the twenty